

15th Annual Great Lakes Aviation Conference January 23-24, 2015



The Lansing Center
Lansing, Michigan

Schedule At-A-Glance

- ♦ **IA Renewal** – 8 hours each day
- ♦ **Educational Sessions for Pilots** – Whether a student or seasoned professional, there is a session for you
- ♦ **Exhibits** – Open 8:00 a.m. – 4:30 p.m. Friday & Saturday
- ♦ **Educational Sessions** – 7:30 a.m. – 6:30 p.m. Friday & Saturday
- ♦ **Spatial Disorientation Chamber** – Used to demonstrate the effects of vertigo in a safe, ground-based environment.
- ♦ **PROTE Chamber** – Can accommodate five trainees for a ground-based excursion to 25,000 feet
- ♦ **Meet 'N Greet Reception** – 4:30-6:30 p.m. Friday (on Exhibit Floor)
- ♦ **“Catch Your Flying Pancake” Breakfast** – 6:45-9:00 a.m. Saturday (on Exhibit Floor)
- ♦ **Michigan Aviation Award Presentations** – 12:00-1:00 p.m. Saturday

Friday Sessions

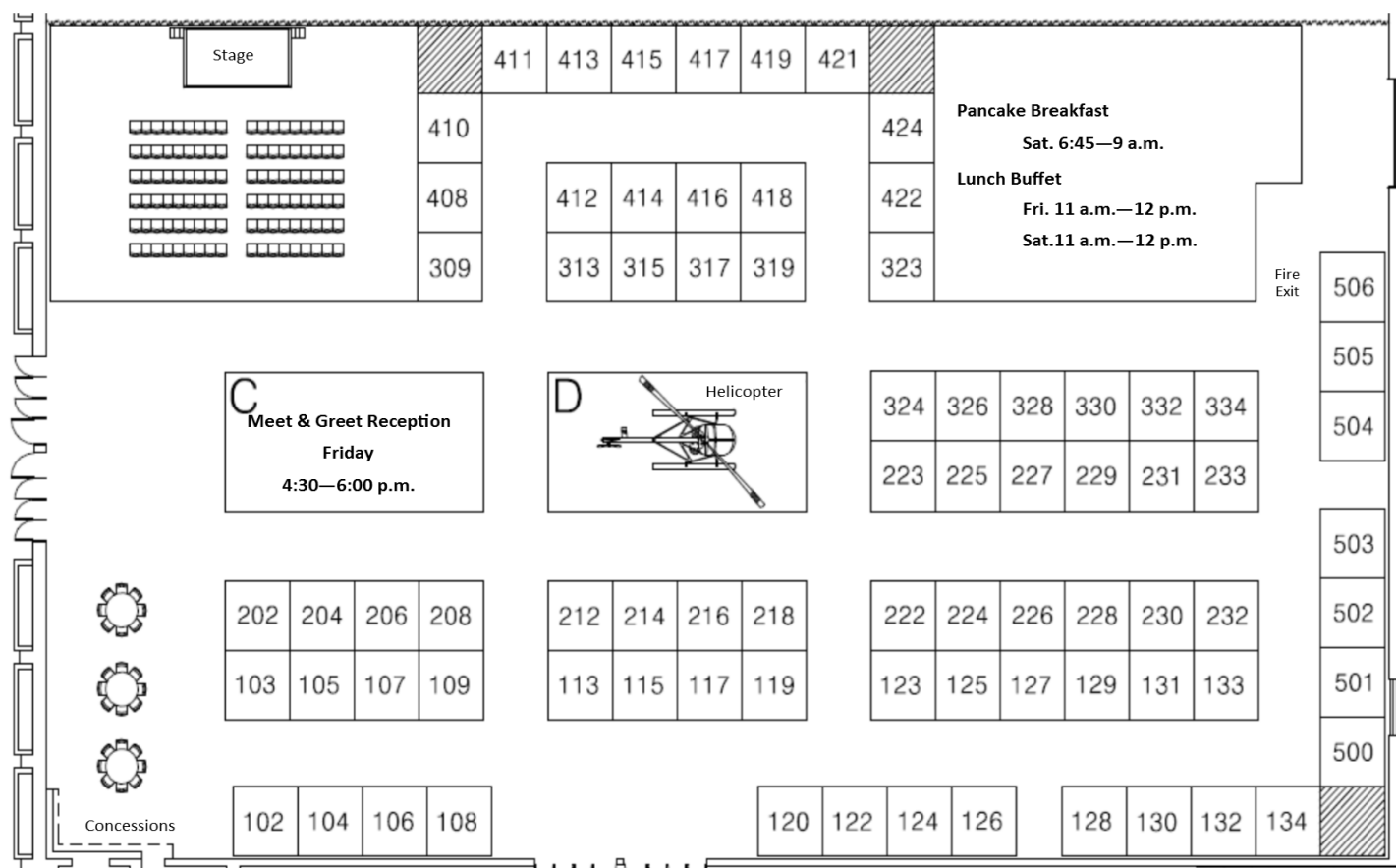
Sessions are open to everyone—Those highlighted in **BLUE** are approved for IA Renewal Credit

Time	Room 101/102	Room 201/202	Room 103	Room 104	Room 203	Room 204	Exhibit Hall	Ballroom
7:30—8:30	FAAST Update Gary Knaggs FAAST Program Mgr. FAA EMI FSDO	Electronic Ignition Mike Kobylak Electroair		Aircraft Records for Owners & Mechanics Terry Michmerhuizen	Experimental Aircraft Operating Limitations Rick Anderson FAA EMI FSDO			
8:30—8:45	Break-Exhibits	Break-Exhibits	Break-Exhibits	Break-Exhibits	Break-Exhibits	Break-Exhibits	Break-Exhibits	Break-Exhibits
8:45—9:45	Piston Engine Problems Dennis Wyman G&N Aircraft	Impact of Tire Maintenance on Aircraft Safety Lee Bartholomew Michelin						FAA Update Barry Cooper Regional Administrator
9:45—10:15	Break-Exhibits	Break-Exhibits	Break-Exhibits	Break-Exhibits	Break-Exhibits	Break-Exhibits	Break-Exhibits	Break-Exhibits
10:15—11:15	Plugs & Ignition Harnesses Joe Logie Champion Aerospace	Lycoming Engine Update Jeff Schans Lycoming	It's Why You Learned to Fly Brad Frederick Recreational Aviation Foundation	ADSB/Garmin Update Jim Laster Garmin	Icing Rob Bundy Western Michigan University	Maintenance for Aircraft Owners John Russman Great Lakes Aviation & Radio	Basic Physiology (Hypoxia) Rogers Shaw FAA CAMI	
11:15—12:00	Lunch-Exhibits	Lunch-Exhibits	Lunch-Exhibits	Lunch-Exhibits	Lunch-Exhibits	Lunch-Exhibits	Lunch-Exhibits	Lunch-Exhibits
12:00—1:00	Prop Maintenance & Preventative Maintenance Scott Foster Hartzell Propeller	Lead Acid Battery Maintenance Chris Holder Concorde Battery	Common Medical Certification Problems—What gets the pilot into trouble Dr. Greg Pinnell AirDocs				Survival Rogers Shaw FAA CAMI	Flying with ADSB Tod Lanham
1:00—1:30	Break-Exhibits	Break-Exhibits	Break-Exhibits	Break-Exhibits	Break-Exhibits	Break-Exhibits	Break-Exhibits	Break-Exhibits
1:30—2:30	Liability Issues for Maintenance Jack Harrington SmithAmundsen/ EAA	Aircraft Heater Inspection C&D Associates, Inc.	Maintaining a Healthy Mind & Body as a Maturing Aviator Phil Tartalone, PhD. Eastern Michigan University	How Pilots can Help to Introduce STEM to Students Col. Leo Burke MI Wing CAP	Using Simulators & Home Computers for Training Steve Weaver Bill Lewis	Mid-Air Collision Avoidance, Sharing the air with the Military Maj. Tate Whitener 127th Wing SANGB	Survival Equipment Bill White Aerospace Systems and Products	
2:30—3:00	Break-Exhibits	Break-Exhibits	Break-Exhibits	Break-Exhibits	Break-Exhibits	Break-Exhibits	Break-Exhibits	Break-Exhibits
3:00—4:00	ACO Assistant Field Approvals—What Works, What Doesn't Scott Fohrman CHI ACO	Carbon & Chaos—Composite Aircraft Structures Wilson Boynton Advanced Composites	ADSB Doug Campbell FreeFlight Systems	Volunteering for Pilots & Non-Pilots, Helping Your Community the CAP Way Col. Leo Burke MI Wing CAP	Effects of the Great Lakes on Local Weather Steve Considine NOAA	Logistics of Planning a Round-The-World Flight Tim Fino Wings of Mercy	Ditching & Water Survival Robert Shafer Assistant National Commodore USCG Aux	Cockpit Tablet Technology; Do's, Don'ts & Latest Updates Jim Whittles Western Michigan University
4:00—4:15	Break-Exhibits	Break-Exhibits	Break-Exhibits	Break-Exhibits	Break-Exhibits	Break-Exhibits	Break-Exhibits	Break-Exhibits
4:15—5:15	Past & Current Battery Facts & the 7000 Series Battery Art Pierce Teledyne Battery	Spark Plug Design & Maintenance Vince Bechtel Tempest	Installation, Care, and Repair of Pneumatic De-Icers David Schermer UTC Aerospace Systems	A Career in Aviation? Are You Crazy? Andy Miller University of Wisconsin Oshkosh	Maintaining Your Aircraft Finish Ken Kaminski Flying Colors Aviation	It Takes a Village—Developing and Nurturing Young Aviators Raymond Rolak	Up From The Ashes “The Willow Run Bomber Plant” Dennis Norton Randy Hotten	
5:30—6:30	Window Design, Construction, Inspection, Care & Maintenance Glenn Heil Lee Aerospace							“You Make the Call” A Discussion of “Novel” Repairs/Alteration Scott Fohrman CHI ACO

Saturday Sessions

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Time	Room 101/102	Room 201/202	Room 103	Room 104	Room 203	Room 204	Exhibit Hall	Ballroom
7:30—8:30	Lycoming Engine Update Jeff Schans Lycoming	Carbon & Chaos—Composite Aircraft Structures Wilson Boynton Advanced Composites		Experimental Aircraft Operating Limitations Rick Anderson FAA EMI FSDO	Leaded vs. Unleaded Fuels Terry Michmerhuizen			
8:30—8:45	Break-Exhibits	Break-Exhibits	Break-Exhibits	Break-Exhibits	Break-Exhibits	Break-Exhibits	Break-Exhibits	Break-Exhibits
8:45—9:45								Pilot's (Airmen's) Bill of Rights Jack Harrington SmithAmundsen/EAA
9:45—10:15	Break-Exhibits	Break-Exhibits	Break-Exhibits	Break-Exhibits	Break-Exhibits	Break-Exhibits	Break-Exhibits	Break-Exhibits
10:15—11:15	Piston Engine Problems Dennis Wyman G&N Aircraft	Magnetos Joe Logie Champion Aerospace	ADSB/Garmin Update Jim Laster Garmin	Maintaining Your Aircraft Finish Ken Kaminski Flying Colors Aviation	Aging Pilots Dr. Jeffrey Kyff	Volunteering for Pilots & Non-Pilots, Helping Your Community the CAP Way Col. Leo Burke MI Wing CAP	Spatial Disorientation Rogers Shaw FAA CAMI	Michigan Aviation Law Forum Steve Tupper
11:15—12:00	Lunch-Exhibits	Lunch-Exhibits	Lunch-Exhibits	Lunch-Exhibits	Lunch-Exhibits	Lunch-Exhibits	Lunch-Exhibits	Lunch-Exhibits
12:00—1:00	Lead Acid Battery Maintenance Chris Holder Concorde Battery	Installation, Care, and Repair Pneumatic De-Icers David Schermer UTC Aerospace Systems					Ditching & Water Survival Robert Shafer Assistant National Commodore USCG Aux	Michigan Aviation Award Presentations
1:00—1:30	Break-Exhibits	Break-Exhibits	Break-Exhibits	Break-Exhibits	Break-Exhibits	Break-Exhibits	Break-Exhibits	Break-Exhibits
1:30—2:30	Aircraft Fatigue-Fatigue Prevention Practices/ Inspections Scott Fohrman CHI ACO	Dry Air Pump Inspection & Maintenance Vince Bechtel Tempest	Effects of the Great Lakes on Local Weather Steve Considine NOAA	ADSB Doug Campbell FreeFlight Systems	CADIs, AASIs and Special Issuances Dr. Robert Gordon Senior AME	How Pilots can Help to Introduce STEM to Students Col. Leo Burke MI Wing CAP	Survival Equipment Bill White Aerospace Systems and Products	
2:30—3:00	Break-Exhibits	Break-Exhibits	Break-Exhibits	Break-Exhibits	Break-Exhibits	Break-Exhibits	Break-Exhibits	Break-Exhibits
3:00—4:00	Aircraft Flutter-Flutter Prevention Practices/ Inspections Scott Fohrman CHI ACO	Prop Maintenance Preventative Maintenance Scott Foster Hartzell Propeller	Impact of Tire Maintenance on Aircraft Safety Lee Bartholomew Michelin	Using Simulators & Home Computers for Training Steve Weaver Bill Lewis	The Future of the FAA Medical—Will You Need One to Fly? Dr. Greg Pinnell AirDocs	A Career in Aviation? Are You Crazy? Andy Miller University of Wisconsin Oshkosh	Up From the Ashes "The Willow Run Bomber Plant" Dennis Norton Randy Hotten	Cockpit Tablet Technology; Do's, Don'ts & Latest Updates Jim Whittles Western Michigan University
4:00—4:15	Break-Exhibits	Break-Exhibits	Break-Exhibits	Break-Exhibits	Break-Exhibits	Break-Exhibits	Break-Exhibits	Break-Exhibits
4:15—5:15	Past & Current Battery Facts & the 7000 Series Battery Art Pierce Teledyne Battery	Electronic Ignition Mike Kobylak Electroair	Aircraft Heater Inspection C&D Associates, Inc.	It's Why You Learned to Fly Brad Frederick Recreational Aviation Foundation	Maintenance for Aircraft Owners John Russman Great Lakes Aviation & Radio	Logistic of Planning a Round-The-World Flight Tim Fino Wings of Mercy		
5:30—6:30								Sean D. Tucker Keynote Speaker



Advanced Composites Training	103	MDOT—Aeronautics	131
Advocate Consulting Legal Group	418	MIAT College of Technology (Sponsor) C	
Aerospace Services and Products	410	Michelin Aircraft Tire Corp	413
Aerospace Turbine Rotables	330	Michigan Aerospace Foundation (Sponsor) C	
Airbus Helicopters	216	Michigan FAAST Team	411
Aircraft Owners & Pilots Association	117	Michigan Helicopter Association	123
Ambience Aircraft Interiors	202	Michigan Private Airstrip Owners Assn	218
Andrews University Aviation	208	Mission Aviation Fellowship	120
ATEQ Aviation LLC	412	National Aviation & Marine Underwriters	228
Aviall, Inc.	309	National Weather Service—NOAA	214
AWAM (Assoc. for Women in Aviation)	122	Northwestern Michigan College of Aviation	317
Benz Aviation	104	Olds Forge Flyers	225
C & D Associates, Inc.	127	Pan American Tool Corporation	107
Champion Aerospace, Inc.	505	Poplar Grove Airmotive	124
Civil Air Patrol	229	PPG Aerospace	414
Cleveland Wheels & Brakes/Parker	105	Preferred Airparts, LLC	206
Concorde Battery Corporation	313	Preferred Avionics, LLC (Sponsor) 109	
Creative Brand Works	133	Prime Polymers, Inc.	223
CSC DUATS	224	Recreational Aviation Foundation	119
Dallas Airmotive, Inc.	204	Safetech	227
Eastern Michigan University (Sponsor) C		School of Missionary Aviation Technology	315
Electroair	226	Solo Aviation	319
Elite Air Service	102	Teledyne Gill Battery	232
FAA Airman Education	424	Tempest Plus Marketing Group	125
FreeFlight Systems	115	Univ. of Missouri Fire & Rescue Training	230
G&N Aircraft	332	University of Wisconsin Oshkosh	328
Goodrich De-Icer Service Center	129	U.S. Air Force	506
Govet Airlines	421	Waterloo Industries	324
Hartzell Propeller Service Center (Sponsor) 113		Western Michigan University	
Helicopter Air Specialty Service	D	College of Aviation	212
Hilton Software, LLC	231	Willow Run Airport (Sponsor) C	
Landmark Aviation Parts	108	Willow Run Partners in Aviation (Sponsor) C	
Lansing Community College	126	Wings Financial Credit Union	233
Lee Aerospace	503	Wings of Mercy	416
LL Johns & Associates, Inc.	106	Women in Aviation—Yankee Ladies Chapter (Sponsor) C	
Lycoming Engines	408	Yankee Air Museum (Sponsor) C	
McFarlane Aviation Products	323		